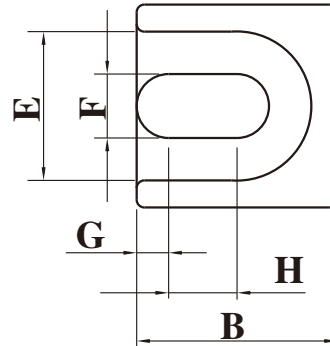
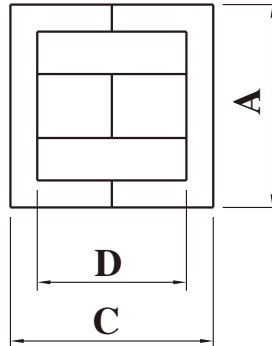


**Dimension: (UNIT:mm)**

A	9.2 ± 0.2
B	8.8 ± 0.2
C	7.4 ± 0.2
D	4.8 ± 0.2
E	7.4 ± 0.2
F	3.3 ± 0.10
G	1.7 ± 0.1
H	2.3

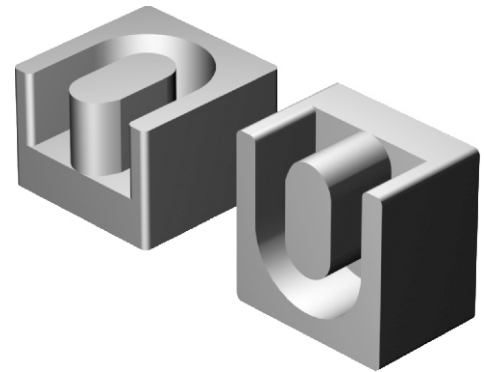


**Test conditions**

AL: F=1.0KHz U=0.3V N=10Ts

**Effective parameter**

C1(mm) <sup>-1</sup>	Ae(mm <sup>2</sup> )	Le(mm)	Ve(mm <sup>3</sup> )	Weight(g)
0.931	16.5	15.4	255	≈2.1



Core sets for general purpose transformers and power filter applications.

Clamping force for Al measurements, 30+/-10N.

Grade	AL (nH)	μe	AIR GAP μm	Type number
P4	1950 ± 25%	≈ 1440	≈ 0	EPO 7-P4
HQ2KA	1750 ± 25%	≈ 1300	≈ 0	EPO 7-HQ2KA
P5	1400 ± 25%	≈ 1040	≈ 0	EPO 7-P5

**Properties under power conditions**

Grade	Core loss (w) at				
	B (mT) at H=250 A/m F=10KHz T=100°C	F=100 KHz B=100mT T=100°C	f=100 KHz B=200mT T=100°C	F=500 KHz B=50mT T=100°C	F=500 KHz B=100mT T=100°C
P4	≥ 320	≤ 0.02	≤ 0.13	-	-
HQ2KA	≥ 340	≤ 0.015	≤ 0.1	≤ 0.08	-
P5	≥ 300	-	-	≤ 0.03	≤ 0.25

Core sets for filter applications.

Clamping force for Al measurements, 30+/-10N

Grade	AL (nH)	μe	AIR GAP μm	Type number
H10K	63 ± 3%	≈ 47	≈ 450	EPO 7-H10K
	100 ± 3%	≈ 74	≈ 250	EPO 7-H10K
	160 ± 3%	≈ 119	≈ 150	EPO 7-H10K
	250 ± 5%	≈ 185	≈ 90	EPO 7-H10K
	315 ± 5%	≈ 233	≈ 70	EPO 7-H10K
	400 ± 8%	≈ 296	≈ 50	EPO 7-H10K
	8400+40/-30%	≈ 6220	≈ 0	EPO 7-H10K
H12K	9300+40/-30%	≈ 6890	≈ 0	EPO 7-H12K

**Note:**

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- 2: RoHS compliant.